

**Claim Amendment under 37 CFR 1.121(c)**

1. (Cancelled)
2. (Currently Amended) A liquid composition for promoting plant growth by increasing the photosynthetic efficiency, ~~which contains~~ consisting essentially of titanium dioxide nanoparticles, having a particle size of 3 to 200 nm; and silver nanoparticles having a particle size of 1 to 100 nm; and ~~adjuvants~~ one or more adjuvants selected from a water soluble salt and metallic oxide and non-metallic oxide, which are used at the amount of 0.1 to 20% by weight relative to the titanium dioxide ~~solids~~ nanoparticles; and ~~a surfactant for dispersion~~ one or more surfactants for dispersion selected from a cationic surfactant and a nonionic surfactant and an anionic surfactant and an ~~amphoteric~~ amphoteric surfactant, which are used at the amount of 0.1 to 5% by weight relative to the titanium dioxide ~~solids~~ nanoparticles.
3. (Cancelled)
4. (Currently Amended) The composition of Claim 2, in which the titanium dioxide ~~colloids~~ nanoparticles have a crystal structure selected from the group consisting of anatase and rutile and brookite and a mixture thereof.
5. (Cancelled)
6. (Cancelled)
7. (Currently Amended) The composition of Claim 2, in which the surfactant for dispersion is selected from the group consisting of a cationic surfactant and a nonionic surfactant and an anionic surfactant and an ~~amphoteric~~ amphoteric surfactant, and a mixture of two or more thereof, which are

used at the amount of 0.1 to 5% by weight relative to the titanium dioxide solids nanoparticles.

8. (Currently Amended) The composition of Claim 2, in which the adjuvants necessary for plant growth are in the form of a water soluble salt of one or more element selected from the group consisting of N and P and K and S and Ca and Mg and Fe and Cu and Zn and Mo and Mn and B, which are used at the amount of 0.1 to 20% by weight relative to the titanium dioxide solids nanoparticles.
9. (Currently Amended) A liquid composition for promoting plant growth by increasing the photosynthetic efficiency, ~~which contains~~ consisting essentially of titanium dioxide nanoparticles, having a particle size of 3 to 200 nm; and silver nanoparticles having a particle size of 1 to 100 nm, which are used at the amount of 0.5 to 20% by weight relative to the titanium dioxide solids nanoparticles; and ~~adjuvants~~ one or more adjuvants selected from a water soluble salt and metallic oxide and non-metallic oxide, which are used at the amount of 0.1 to 20% by weight relative to the titanium dioxide solids nanoparticles; and ~~a surfactant for dispersion~~ one or more surfactants for dispersion selected from a cationic surfactant and a nonionic surfactant and an anionic surfactant and an ~~amphoteric~~ amphoterie surfactant, which are used at the amount of 0.1 to 5% by weight relative to the titanium dioxide solids nanoparticles.
10. (Currently Amended) The composition of Claim 2, in which the adjuvants necessary for plant growth are one or more selected from the group consisting of Li and Be and B and Na and Mg and Al and Si and P and K and Ca and Sr and Cr and Mn and Fe and Co and Ni and Cu and Zn and Ga and Ge and Se and Zr, which are used at the amount of 0.1 to 20% by weight relative to the titanium dioxide solids nanoparticles.

11. (Previously Presented) The composition of Claim 2, in which the aqueous solution is diluted with water such that a titanium dioxide concentration is in the range of 1 to 1,000 ppm for greater effect on crop yield, when applied to the foliage of crops.
  
12. (Previously Presented) The composition of Claim 2, in which aqueous solution is maintained a stable colloidal form by adjusting a pH with organic or inorganic acid for absorbing to plant.